



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MITSUYOSHI ICHIHASHI ET AL
Group Art Unit: 1712
Serial No.: 09/899,031
Examiner: Michael J. Feely
Filed: July 6, 2001
For: LIQUID CRYSTAL COMPOSITION
COMPRISING LIQUID CRYSTAL
MOLECULES AND ALIGNMENT PROMOTER

DECLARATION UNDER 37 C.F.R. 1.132

Honorable Commissioner of Patents and Trademarks
Washington, D.C.

We, Mitsuyoshi Ichihashi, Ken Kawata, Hiroshi Takeuchi and Koushin Matsuoka, the above-named applicants declare and state that:

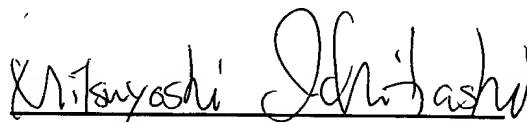
We note that US Pat. No. 6,338,808 at column 6, lines 1-13 discloses a bulky group (Bu-6) showing an excluded volume effect.

We hereby declare and state that it is we who added the Example Bu-6 to the specification of US Pat. No. 6,338,808. Therefore, we are the inventors of the Example Bu-6 disclosed in US Pat. No. 6,338,808.

The undersigned declarants declare further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and

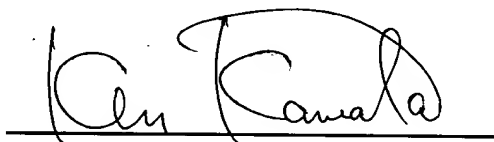
the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date March 3, 2004



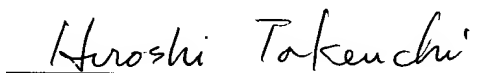
Mitsuyoshi Ichihashi

Date March 4, 2004



Ken Kawata

Date March 3, 2004



Hiroshi Takeuchi

Date March 3, 2004



Koushin Matsuoka



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MOLECULES AND ALIGNMENT PROMOTER

DECLARATION UNDER 37 C.F.R. §1.132

Honorable Commissioner of Patents and Trademarks
Washington, D.C.

We, Ken Kawata, Shigeki Yokoyama, Mitsuyoshi Ichihashi, Koushin Matsuoka and Hiroshi Takeuchi declare and state that:

We are the inventors of US Pat. No. 6,338,808.

We note that US Pat. No. 6,338,808 at column 6, lines 1-13 discloses a bulky group (Bu-6) showing an excluded volume effect.

We hereby declare and state that it is Mr. Mitsuyoshi Ichihashi, Mr. Ken Kawata, Mr. Hiroshi Takeuchi and Mr. Koushin Matsuoka who added the Example Bu-6 to the specification of US Pat. No. 6,338,808. Therefore, Mr. Mitsuyoshi Ichihashi, Mr. Ken Kawata, Mr. Hiroshi Takeuchi and Mr. Koushin Matsuoka are the inventors of the Example Bu-6 disclosed in US Pat. No. 6,338,808.

The undersigned declarants declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are

believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date March 4, 2004

Ken Kawata
Ken Kawata

Date March 3, 2004

Shigeki Yokoyama
Shigeki Yokoyama

Date March 3, 2004

Mitsuyoshi Ichihashi
Mitsuyoshi Ichihashi

Date March 3, 2004

Koushin Matsuoka
Koushin Matsuoka

Date March 3, 2004

Hiroshi Takeuchi
Hiroshi Takeuchi